INFORMATION DISCLOSURE CITATION			Atty Docket #		Serial No.	Serial No.		
(Use several sheets if necessary) PTO-1449 (modified)				2004 662 US 52		10/603 803	40/602 802	
Ott & The Internet				2001.662 US D2			10/693,802	
Y	400				Applicant.			
2 OCT	1 0 2006		•	EGGEN, I. F.	et al.			
12				Filing Date			Unit 🖖 💮	
US PATENT DOCUMENTS				October 23, 2003 1639				
US PATENT DOCUMENTS								
Init	Document Number	Date	<u> </u>	lame	Class	Subclass	Filing Date	
JE	5,652,336	07-1997	Fife et al.		530	342		
JE	5,698,676	12-1997	Dhaon		530	334		
JE	5,877,278	03-1999	Zuckerman	n et al.	530	334		
JE	6,001,966	12-1999	Pieken et a	ıl	530	338	·	
JE	2001/0025025 A1	09-2001	Viskov	•	514	9		
JE	6,506,701 B1	01-2003	Bolton et a		502	20		
JE	6,864,357 B2	03-2005	Eggen et a	l	530	333	100 mm	
FORE	IGN PATENT DOCUM	IENTS I			14374.5			
	Document Number	Publ.	C	ountry	Class	Subclass	Translation	
		Date	٠.	·			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
					ACTION AND ADDRESS OF THE PARTY		Yes No	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) continued on page 2 of 2								
JE	European Search Report for Application No. EP 01 20 2753 dated June 28, 2002.							
JE	Derwent abstract number 0000135378 abstracting SU 215 227.							
JE	Fukuyama, T. et al, "2,4-Dinitrobenzenesulfonamides: A Simple and Practical Method for the							
	Preparation of a Variety of Secondary Amines and Diamines," Tetrahedron Letters, Vol. 38, No. 33							
	(1997) pp. 5831-5834.							
JE	Kisfaludy, L. et al., "A Novel and Rapid Peptide Synthesis," Tetrahedron Letters, No. 19 (1974) pp. 1785-1786.							
JE	Kunz, H. et al, "Der Al	lyloxycarbonyl(Aloc)-Rest -	- die Verwandlu	ng einer	untauglichen ir	n eine 984) nn 426-	
	wertvolle Aminoschutz 427.	gruppe für die	repuasyntn	iese, Angew. C	ilelil., V	וע. טע, ואט. ט (וז	904) pp. 420-	
	Facility Increase version of Kunz H. et al. "The Allyloxycarbonyl (Aloc) Mojety - Conversion of an							
JE	Unsuitable into a Valu	able Amino Pro	otecting Gro	up for Peptide	Synthesis	s," Angew. Che	m. Int. Ed.	
	Engl., Vol. 23, No. 6 (•				
<u></u>	Karlström, A. et al., "A	New Protectin	g Group for	Aspartic Acid th	nat Minin	nizes Piperidine	e-Catalyzed	
JE	Karlström, A. et al., "A New Protecting Group for Aspartic Acid that Minimizes Piperidine-Catalyze Aspartimide Formation In Fmoc Soliid Phase Peptide Synthesis," Tetrahedron Letters, Vol. 37, No.						Vol. 37, No. 24	
	(1996) pp. 4243-4246				·			
JE	Yue, C. et al., "2-Phenyl Isopropyl Esters as Carboxyl Terminus Protecting Groups in the Fast Synthesis of Peptide Fragments," Tetrahedron Letters, Vol. 34, No. 2 (1993) pp. 323-326.							
<u>. </u>						93) pp. 323-32 01/21/2007	20.	
	AINER /Jon Eppers	son/		ATF CONSIDER	(⊢i)	01/41/400/		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

			T					
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Atty: Docket #	Serial No.					
	PTO-1449 (modified)	2001.662 US D2	10/693,802					
		Applicant EGGEN, I. F. et al.						
		Filing Date	Group Art Unit					
	and the second s	October 23, 2003	1639					
	R DOCUMENTS (Including Author, Title Date,		1 1					
Į.	Athanassopoulos, P. et al., "Application of 2-Chlorotrityl Chloride in Convergent Peptide Synthesis," Fetrahedron Letters, Vol. 36, No. 31 (1995) pp. 5645-5648.							
	Mergler, M. et al., "Systematic Investigation of the Aspartimide Problem," Proceedings of the Second International and the Seventeenth American Peptide Symposium (June 9-14, 2001) pp. 63-64 and title pages (2 sheets).							
	Carpino, L. A. et al, "Novel Carboxylic Acid and Carboxamide Protective Groups Based on the Exceptional Stabilization of the Cyclopropylmethyl Cation," J. Org. Chem., Vol. 60 (1995) pp. 7718-7719.							
	Al-Obeidi, F. et al., "Synthesis of β - and γ -fluorenylmethyl esters of respectively N^{α} -Boc-L-aspartic acid and N^{α} -Boc-L-glutamic acid," Int. J. Peptide Protein Res., Vol. 35 (1990), pp. 215-218.							
	Kunz, H. et al., "Allyl ester as temporary protecting group for the β-carboxy function of aspartic acid," Int. J. Peptide Protein Res., Vol. 26 (1985) pp. 493-497.							
	Sieber, P. with English Summary, "264. Der 2-Trimethylsilyläthyl-Rest als selektiv abspaltbare Carboxy-Schutzgruppe," Helvetica Chimica Acta, Vol. 60, No. 8 (1977) pp. 2711-2716.							
	Chan, W. C. et al., "A Novel 4-Aminobenzyl Ester-based Carboxy-protecting Group for Synthesis of Atypical Peptides by Fmoc-Bu ^t Solid-phase Chemistry," J. Chem. Soc., Chem. Commun., (1995) pp. 2209-2210.							
	Li, P. et al., "Highly efficient synthesis of peptides by rational utilization of novel coupling reagents," Chinese Journal of Chemistry, Vol. 18, No. 4 (2000) pp. 456-466.							
	Franzén, H. et al., "Synthesis, Properties, and Use of N ⁱⁿ -Boc-tryptophan Derivatives," J. Chem. Soc., Chem. Commun. (1984) pp. 1699-1700.							
	Sieber, P. et al., "Protection of Carboxamide Functions by the Trityl Residue. Application to Peptide Synthesis," Tetrahedron Letters, Vol. 32, No. 6 (1991) pp. 739-742.							
	Sieber, P. et al., "Protection of Histidine in Peptide Synthesis: A Reassessment of the Trityl Group," Tetrahedron Letters, Vol. 28, No. 48 (1987) pp. 6031-6034.							
	Ramage, R. et al., "N _G -2,2,5,7,8-Pentamethylchroman-6-Sulphonyl-L-Arginine: A New Acid Labile Derivative for Peptide Synthesis," Tetrahedron Letters, Vol. 28, No. 20 (1987) pp. 2287-2290.							
V	Carpino, L. A. et al., "The 2,2,4,6,7-Pentamethyldihydrobenzofuran-5-sulfonyl Group (Pbf) as Argini Side Chain Protectant." Tetrahedron Letters, Vol. 34, No. 49 (1993) pp. 7829-7832.							
	ording to the DioRaSSP . 21-24.							
JE	Eggen, I. F. et al., "A novel method for repetitive intermediates," Journal of Peptide Science, Vol.	peptide synthesis in solution 11 (2005) pp. 633-641.						
FXAN	MINER /Jon Epperson/	ATE CONSIDERED	01/21/2007					

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Νọ

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Atty. Docket #	Serial No:				
	PTO-1449 (modified)	2001.662 US D2	10/693,802				
		Applicant	Applicant				
		EGGEN, I. F. et al.	×				
		Filing Date	Group Art Unit				
		October 23, 2003	1639				
отні	ER DOCUMENTS (Including Author, Title, Date,	Pertinent Pages, etc.) (co	ontinued from page 2)				
ĴE	Eggen, I. F. et al., "DioRaSSP: Diosynth Rapid Solution Synthesis of Peptides," Organic Process Research & Development, Vol. 9 (2005) pp. 98-101.						
	Eggen, I. F., "DioRaSSP®: Diosynth Rapid Solution Synthesis of Peptides," Poster (2004).						
	Eggen, I. F., "Extending the potentials of the DioRaSSP® method," Power Point Presentation (2004).						
	Ludt, R. E. et al., "A Comparison of the Synthetic Utility of n-Butyllithium and Lithium Diisopropylamide in the Metalations of <i>N,N</i> -Dialkyltoluamides," J. Org. Chem., Vol. 38, No. 9 (1973) pp. 1668-1674.						
	Tsuboi, S. et al., "Stereoselective Transformation of 2,4-Alkadienoic Esters to the 3,5-Dienoic Isomers with Lithium Diisopropylamide (LDA)," Chemistry Letters (9) (1984) pp. 1541-1542.						
	Dragovich, P. S. et al., "Formal Stereoselective Synthesis of Hydroxyethylene Dipeptide Isosteres Utilizing Pseudoephedrine Amides," J. Org. Chem., Vol. 62, No. 22 (1997) pp. 7872-7876.						
	Mallet, M. et al. with English Abstract, "Reaction De La Bromo-3 Pyridine Avec Le Diisopropylamidure. De Lithium. Mecanismes de Metallation Et De Migration D'Halogene. Regioselectivite De L'Addition Polaire Sur La Pyridyne-3,4," Tetrahedron, Vol. 38, No. 20 (1982) pp. 3035-3042.						
	Balamraju, Y. et al., "Mixed Aggregates of Lithium Tetramethylpiperidide with Butyllithium: Stereoselectivity of Ketone Enolization," Tetrahedron, Vol. 54, No. 26 (1998) pp. 7357-7366.						
	Kazmaier, U. et al., "Application of the chelate enolate Claisen rearrangement to the modification of dipeptides," Chemical Communications, Cambridge (22) (1998) pp. 2535-2536.						
	Carpino, L. A. et al., "Piperazino-Functionalized Silica Gel as a Deblocking-Scavenging Agent for the 9-Fluorenylmethyloxycarbonyl Amino-Protecting Group," J. Org. Chem., Vol. 48 (1983) pp. 666-669.						
	Carpino, L. A. et al., "Polystyrene-Based Deblocking-Scavenging Agents for the 9- Fluorenylmethyloxycarbonyl Amino-Protecting Group," J. Org. Chem., No. 48 (1983) pp. 661-665.						
·	Carpino, L. A. et al., "Tris(2-aminoethyl)amine as a Substitute for 4-(Aminomethyl)piperidine in the FMOC/Polyamine Approach to Rapid Peptide Synthesis," J. Org. Chem., Vol. 55 (1990) pp. 1673-1675.						
	Russian Search Report dated January 23, 2003.						
	Israelian office action dated October 16, 2002.						
	Domb, A. J. et al., "Chemical Interactions Between Drugs Containing Reactive Amines with Hydrolyzable Insoluble Biopolymers in Aqueous Solutions," Pharmaceutical Research, Vol. 11, No. 6 (1994) pp. 865-868.						
	Supporting Information for Carpino et al., The 1,1-Dioxobenzo[b]thiophene-2-ylmethyloxycarbonyl (Bsmoc) Amino-Protecting Group. 11 June 1999, J. Org. Chem., Vol. 64, No. 12, pp. 4324-4338. Supporting Info. Pages 1-133.						
V	Houghten, R.A. et al, "Generation and use of syr research and drug discovery," Letters to Nature,	nthetic peptide combinatoria Vol. 354 (1991) pp. 84-86.	al libraries for basic				
FXA	MINER /Jon Epperson/	ATE CONSIDERED	01/21/2007				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.